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Commissioner for Patents
P.O. Box 1450
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(703) 746-4000

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CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590

05/04/2004

Flynn Thiel Boutell & Tanis PC
2026 Rambling Rd
Kalamazoo, MI 49008-1699

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/560,047	04/27/2000	Hidetugu Fukuyama	FURUYA CASE 1380	2869

TITLE OF INVENTION: CATALYST FOR HYDROCRACKING OF HEAVY OILS AND METHOD OF HYDROCRACKING HEAVY OILS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	08/04/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
ARNOLD JR, JAMES	1764	208-108000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a **Customer Number** is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

- 1 FLYNN, THIEL,
- 2 BOUTELL & TANIS, P.C.
- 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

(1) **Petroleum Energy Center**

Tokyo, Japan

Reel/Frame 011090/0255

(2) **Toyo Engineering Corporation**

Tokyo, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ individual ☐ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

- ☒ Issue Fee
- ☐ Publication Fee
- ☐ Advance Order - # of Copies _____

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Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) Terryence F. Chapman (Date) **July 20, 2004**
Reg. No. 32 549

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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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07/26/2004 RHEBRAH1 00000007 09560047

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TRANSMIT THIS FORM WITH FEE(S)



PATENT APPLICATION

IN THE U.S. PATENT AND TRADEMARK OFFICE

July 20, 2004

Applicants: Hidetsugu FUKUYAMA et al
For: CATALYST FOR HYDROCRACKING OF HEAVY OILS
AND METHOD OF HYDROCRACKING HEAVY OILS

Serial No.: 09/560 047 Group: 1764

Confirmation No.: 2869

Filed : April 27, 2000 Examiner: Arnold

Atty. Docket No.: Furuya Case 1380

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL FOR FORM PTOL-85 (PART B)

Sir:

Enclosed is Issue Fee/Publication Fee Transmittal Form PTOL-85 (Part B) and a check in the amount of \$1,330.00 to cover the Issue Fee and Publication Fee (if required).

The Commissioner is hereby authorized to credit any overpayment of, or to charge any deficiency in, the patent issue fees or publication fees required under 37 CFR 1.18 to Deposit Account No. 06-1382. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

IN DUPLICATE

TFC/smd


Terryence F. Chapman

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& TANIS, P.C.
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Kalamazoo, MI 49008-1631
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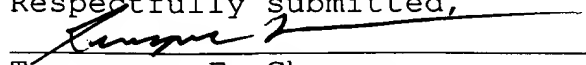
Dale H. Thiel	Reg. No. 24 323
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Ronald J. Tanis	Reg. No. 22 724
Terryence F. Chapman	Reg. No. 32 549
Mark L. Maki	Reg. No. 36 589
Liane L. Churney	Reg. No. 40 694
Brian R. Tumm	Reg. No. 36 328
Steven R. Thiel	Reg. No. 53 685
Donald J. Wallace	Reg. No. 43 977
Sidney B. Williams, Jr.	Reg. No. 24 949

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 20, 2004.

Respectfully submitted,


Terryence F. Chapman

175.05/03